

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	12/13/2012	18:00		
4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
CBR Team #6	Name:	Dan Capone & Chris Lantinga (START/US EPA)	From:	12/13/2012 07:00
	Position:	Operations Section Chief	To:	12/13/2012 16:30
7. Personnel Roster Assigned				
<u>Name</u>	ICS Position		DUTY CELL	
Dan Capone	Operations Section Chief			
Chris Lantinga	Operations Section Chief			
Dan Zahner	Field Team Lead			
Michael T. Browning	CBR #6			
8. Activity Log				
Activity Area	Sediment trap area at MP 21.50		LAT	LAT
			Various	Various
			(DD.MMMM)	(DD.MMMM)
<u>OIL OBSERVED</u>	EXTENT OF OIL IMPACTED AREA	NA		
	DENSITY OF OIL /SHEEN	NA		
Total Collection Points	NA			
Total Boom Deployed	NA			
Activity	<p><u>START CBR Team 6 Activity:</u></p> <p>START CBR 6 conducted oversight documentation of the Enbridge Team of Eric Celebrezze (Team Lead, Trimble SPC3 Operator and Data Logger) and Jesse Worth (Yuma Operator).</p> <p>At MP 21.50, the first base station was set up at Temporary CP 1042 (RDB), while the back shots/QC locations were set up at CP 1027 (RDB) and CP 1028 (RDB). The second base station was set at Temporary CP 1043 (LDB), while the back shots/QC locations were set up at CP 1027 (RDB) and Temporary CP 1042 (RDB). The delta V for the back shots/QC checks were below 0.02. The team recorded water velocity readings, water depths, bathymetry readings, and surface water level readings along transects A, B, C, D, L, M, and N. The points were taken every four feet along these transects. The team recorded three water velocity readings from Transect A, four water velocity readings from Transect N, and five water velocity readings from Transects B, C, D, L, and M. Page 2 of this form provides additional information for these transects. The team pulled the upstream and downstream CSDs prior to entering MP 21.50. The CSDs were placed back in the water after the work was completed in MP 21.50.</p> <p>To conduct the required survey work, the team used a Trimble S6 Total Station (Robot), a Trimble SPC3 hand held data logger, a YUMA, a global water probe model FP211 (velocity flow), and a metal prism rod with an 8" metal disk on the bottom (water depth).</p>			

	<p>Summary Transect A (MP 21.50)</p> <p>The team collected bathymetry measurements at an additional 181 points along transect A, and recorded three additional water velocity readings along this transect. Orientation of the data collection was from upstream to downstream.</p> <p>Summary Transect B (MP 21.50)</p> <p>The team collected bathymetry measurements at 34 points along transect B (including one surface water level reading), and recorded five water velocity readings along this transect. Orientation of the data collection was cross-stream from west to east.</p> <p>Summary Transect C (MP 21.50)</p> <p>The team collected bathymetry measurements at 27 points along transect C (including one surface water level reading), and recorded five water velocity readings along this transect. Orientation of the data collection was cross-stream from west to east.</p> <p>Summary Transect D (MP 21.50)</p> <p>The team collected bathymetry measurements at 32 points along transect D (including one surface water level reading), and recorded five water velocity readings along this transect. Orientation of the data collection was cross-stream from west to east.</p> <p>Summary Transect L (MP 21.50)</p> <p>The team collected bathymetry measurements at 32 points along transect L (including one surface water level reading), and recorded five water velocity readings along this transect. Orientation of the data collection was cross-stream from west to east.</p> <p>Summary Transect M (MP 21.50)</p> <p>The team collected bathymetry measurements at 31 points along transect M (including one surface water level reading), and recorded five water velocity readings along this transect. Orientation of the data collection was cross-stream from west to east.</p> <p>Summary Transect N (MP 21.50)</p> <p>The team collected bathymetry measurements at 28 points along transect N (including one surface water level reading), and recorded four water velocity readings along this transect. Orientation of the data collection was cross-stream from west to east. Note: Due to an obstruction, Points 11-14 of this transect will be recorded on 12/14/12.</p> <p>Morning weather: Morning 30 degrees with clear skies and light winds. Afternoon: 44 degrees with sunny skies and light winds.</p>
Health and Safety Issues	
Comments	